

| <div>Exhibit Name: Premium Calculation</div> <div>Exhibit Number: P11-8, Plan 55</div> <div>Record Name: Acreage</div> <div>Record Code: P11</div> <div>Reinsurance Year: 2011</div> <div>Version: DRAFT</div> <div>Release Date: 8/26/2010</div> | | | | | | |
|---|---------------------------------|---------------|--------------|--------------|------------------------|--|
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| <div>Insurance Plan Code</div> 55 Yield Based Dollar Amount of Insurance | | | | | | |
| <div>Commodity Code</div> 0062 Hybrid Seed Corn0050 Hybrid Sorghum Seed | | | | | | |
| Calculations | Field Name | Record Number | Field Number | Field Format | Field Rounding | Rules |
| Section 1: Liability Calculation | | | | | | |
| Modified Yield = Approved Yield * Coverage Level Percent – Minimum Payment Amount | Modified Yield | internal | | 999999999 | Round to 1 decimal. | |
| | Approved Yield | P11 | 47 | 99999999.99 | None | |
| | Coverage Level Percent | P14 | 33 | 9.9999 | None | |
| | Minimum Payment Quantity | Internal | | 999999.99 | | |
| Premium Acre Guarantee Quantity = Modified Yield * Price Election Amount | Premium Acre Guarantee Quantity | Internal | | 99999999.99 | Round to whole number. | |
| | Price Election Amount | P11 | 74 | 9999.9999 | None | |
| Acre Guarantee Quantity = Premium Acre Guarantee Quantity * Guarantee Adjustment Factor | Acre Guarantee Quantity | P11 | 100 | 99999999.99 | Round to whole number. | |
| | Guarantee Adjustment Factor | P11 | 75 | 0.999 | None | Edit with the Guarantee Adjustment ICE, "D00068". Reduction ADM, "A00020". |
| Premium Total Guarantee Amount = Premium Acre Guarantee Quantity * Reported Acreage | Premium Total Guarantee Amount | Internal | | 99999999.99 | Round to whole number. | |
| | Reported Acreage | P11 | 52 | 999999.99 | None | Reported Acreage must equal the sum of all Land, P27, Reported Acreage. |
| Total Guarantee Amount = Acre Guarantee Quantity * Reported Acreage | Total Guarantee Amount | P11 | 97 | 99999999.99 | Round to whole number. | |
| | Reported Acreage | P11 | 52 | 999999.99 | None | Reported Acreage must equal the sum of all Land, P27, Reported Acreage. |
| Premium Liability Amount = Premium Total Guarantee Amount * Insured Share Percent | Premium Liability Amount | Internal | | 9999999999 | Round to whole number. | |
| | Insured Share Percent | P11 | 48 | 9.999 | None | |
| Liability Amount = Total Guarantee Amount * Insured Share Percent | Liability Amount | P11 | 88 | 9999999999 | Round to whole number. | |
| | Insured Share Percent | P11 | 48 | 9.999 | None | |

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| Calculations | Field Name | Record Number | Field Number | Field Format | Field Rounding | Rules |
| Section 2: Total Premium, Subsidy, and Producer Premium Calculation | | | | | | |
| <div>Preliminary Total Premium Amount = Premium Liability Amount * Base Rate * Rate Differential Factor * Unit Structure Discount Factor * Sub County Rate * Option Rate * Experience Factor</div> | Preliminary Total Premium Amount | Internal | | 9999999999 | Round to whole number. | |
| | Base Rate | ADM | | 999.99 | None | Edit with ADM Base Rate, "A01010". |
| | Rate Differential Factor | ADM | | 9.99999999 | None | Edit with ADM Coverage Level Differential, "A01040". |
| | Unit Structure Discount Factor | ADM | | 9.999 | None | Edit with ADM Unit Discount, "A01090". When Unit Structure Code equals "OU", then Unit Structure Discount Factor equals Optional Unit Discount Factor. When Unit Structure Code equals "BU", then Unit Structure Discount Factor equals Basic Unit Discount Factor. When Unit Structure Code equals "EU", then Unit Structure Discount Factor equals Enterprise Unit Discount Factor. |
| | Sub County Rate | ADM | | 9.9999 | None | Edit with ADM Sub County Rate, "A01050". |
| | Option Rate | ADM | | 9.9999 | None | Edit with ADM Option Rate, "A01060". |
| | Experience Factor | P11 | 51 | 9.999 | None | Must be a value between minimum and maximum on ICE, "D10023". |
| | | | | | | |
| <div>Total Premium Amount = Preliminary Total Premium Amount * Multiple Commodity Adjustment Factor</div> | Total Premium Amount | P11 | 89 | 9999999999 | Round to whole number. | |
| | Multiple Commodity Adjustment Factor | ICE | | 9999.999 | None | Edit with ICE Multiple Cropping, "D00063". |
| <div>Subsidy Amount = Total Premium Amount * Subsidy Percent</div> | Subsidy Amount | P11 | 87 | 9999999999 | Round to whole number. | |
| | Subsidy Percent | ADM | | 9.999 | None | Edit with ADM Subsidy Percent, "A00070". |
| <div>Producer Premium Amount = Total Premium Amount - Subsidy Amount</div> | Producer Premium Amount | P11 | 90 | 9999999999 | Round to whole number. | |